

ABSTRACT OF THE DISCLOSURE

The present invention relates to an electrochemical therapy apparatus in which various tumors such as cancers are treated using an electrochemical method that utilizes an interaction between an anodic electrode and a cathodic electrode. The electrochemical therapy apparatus includes a main controller for performing calculation processes of parameters for electrochemical therapy; a storage unit connected to the main controller, and storing a program for processing the parameters and also storing data related to the parameters; an input unit and an output unit connected to the main controller, the output unit displaying or printing data related to the parameters; a converter connected to the main controller and converting the parameters output from the main controller into analog values to transmit the parameters as electrical signals for electrochemical therapy, or converting input analog values into digital values and transmitting the digital values as electrical signals to the main controller; a plurality of channels connected to the converter to transmit electrical signals, each of the channels operating independently; and a plurality of electrode units each connected to one of the channels, and each including an anodic electrode and a cathodic electrode in a wire shape, and that are coated with platinum and between which direct current flows to perform electrochemical therapy.